

What is claimed is:

1. A set-top electronics and network interface unit arrangement, comprising:

5 a network interface unit having a network interface module adapted for connection to an external network, and an internal network interface for interfacing to an internal digital network, the network interface unit providing a signal from an external network to the internal digital network; and

10 a set-top electronics unit having an internal network interface device adapted for connection to the internal digital network for interfacing to the internal digital network to receive a signal from an internal network, a signal converter coupled to the network interface device and converting a signal
15 received by the internal network interface device for use by an end terminal.

2. The arrangement of Claim 1, wherein the network interface unit includes an MPEG transport device, coupled to the network interface module, for selecting a single program from a plurality of programs
5 in a signal.

3. The arrangement of Claim 2, wherein the internal network interface of the network interface unit includes an MPEG to internal network synthesizer that converts clocking of the signal from an MPEG
5 clocking to an internal network clocking.

4. The arrangement of Claim 3, wherein the internal network interface device of the set-top electronics unit includes an internal network to MPEG

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synthesizer that converts clocking of the signal from an internal network clocking to an MPEG clocking.

5. The arrangement of Claim 4, wherein the internal network interface of the network interface unit is an Ethernet interface.

6. The arrangement of claim 1, wherein said internal digital network operates on a single channel.

7. The arrangement of claim 1, wherein said internal digital network operates on a baseband channel.

8. The arrangement of claim 1, wherein said internal digital network operates on a single baseband channel.

9. A network interface unit for use in coupling an external network to an internal digital network, wherein at least one set-top electronics unit is connected to the internal digital network, the network interface unit comprising:

at least one network interface module adapted for connection to the external network;

at least one transport device, coupled to the network interface module, for selecting a single program from a plurality of programs in a first signal received from the external network via the network interface module; and

an internal network interface, coupled to the transport device, for interfacing to the internal digital network, wherein the network interface unit provides a second signal that includes the single program to the internal digital network.

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10. The network interface unit of claim 9, wherein said internal digital network operates on a single channel.

11. The network interface unit of claim 9, wherein said internal digital network operates on a baseband channel.

12. The network interface unit of claim 9, wherein said internal digital network operates on a single baseband channel.

13. The network interface unit of claim 12, wherein the transport device is an MPEG transport device for selecting a single program transport from a multiple program transport stream in the first signal.

14. The network interface unit of claim 13, wherein the internal network interface further includes an MPEG to internal network synthesizer that converts clocking of the first signal from an MPEG clocking to an internal network clocking of the second signal.

15. The network interface unit of claim 14, wherein the internal network interface unit is an Ethernet interface.

TOGETHER WITH

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